

# Technical Data Sheet



## Polybut EM HR 1000 (A-55)

Water-Based Emulsion of Low Molecular Weight Polyisobutene

### Composition

55% water-based emulsion of Polybut HR 1000 with anionic stabilization

Polybut HR 1000 is a polyisobutene with a molecular weight Mn of 1.000 g/mol

### Properties

- Physical Form : White Liquid
- Solid Content : 53 - 57 %
- pH at 25 °C : 8 – 10,5
- Brookfield Viscosity at 20 °C, LV-62, 50 rpm : < 500 mPa.s

### Features

- Polybut EM technology offers PIB in an easy to handle liquid or paste format
- Polybut EM products are soluble and easily miscible in water
- Polybut EM products are VOC-free, non-toxic and require no special labelling
- Pure or formulated Polybut EM products can be applied by spraying, dipping, rolling and brushing

### Typical Applications

- Adhesives & Sealants
- Water Based Lubricants & Metal Working Fluids
- Anti-Corrosion & Barrier Coatings
- Road Marking Paints & Construction Formulations
- Paper, Leather & Textile Coatings
- Crop Protection & Insect Trap Formulations
- Personal Care Formulations
- Novel Applications

Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suitable and the information is applicable to the user's specific application.